

Jannis Stavrianopoulos et al.

Serial No.: Not Yet Known

Filed: Herewith

Page 2 (Request for Continuation Application Under 37 C.F.R. §1.60

-October 28, 1992)

AMEND THIS APPLICATION AS FOLLOWS:

In The Specification:

Page 1, line 1, before the "TECHNICAL FIELD OF INVENTION" insert a new title as follows:

-- COMPOSITION AND KIT EMPLOYING CHEMICALLY-
LABELLED POLYNUCLEOTIDE PROBES --

Page 1, lines 3-5, after the insertion of the new title and before the "TECHNICAL FIELD OF INVENTION", insert the following:

-- CROSS-REFERENCE TO OTHER RELATED APPLICATIONS

This application is a continuation of U.S. Application Serial No. 07/607,347, filed on October 30, 1990, which is a continuation of U.S. Application Serial No. 07/385,986, filed on July 20, 1989, now U.S. Patent No. 4,994,373, which, in turn, is a continuation of U.S. Application Serial No. 06/732,374, filed on May 9, 1985, abandoned, which, in turn, is a continuation of U.S. Application Serial No. 06/461,469, filed on January 21, 1983, also abandoned.--

Page 2, line 25, delete "or moiety".

Page 3, line 28, delete "thymidine" and insert --thymine-- therefor.

Page 3, line 29, delete "cytidine" and insert --cytosine-- therefor.

Page 5, line 19, delete "sequentially" and insert --sequentially-- therefor.

Page 7, line 5, delete "expensive" and insert --expenses-- therefor.

Page 9, line 16, delete "present".

Page 9, line 20, delete "accordance with the practice of".

Page 10, line 3, delete the comma "," after "is" and insert a comma --,-- after "present".

Enz-7 (C2)(P)(C2)

Jannis Stavrianopoulos et al.

Serial No.: Not Yet Known

Filed: Herewith

Page 3 (Request for Continuation Application Under 37 C.F.R. §1.60

-October 28, 1992)

Page 10, lines ~~6-7~~, delete "In accordance with the practice of this invention, analytes" and insert --Analytes-- therefor.

Page 10, lines ~~17-18~~, delete "In the practices of this invention, it" and insert --It-- therefor.

Page 10, lines ~~31-32~~, delete "according to the invention."

Page 10, lines ~~34-35~~, delete "according to the invention."

Page 13, lines ~~11-12~~, delete "the practices of this invention provide" and insert --the invention provides-- therefor.

Page 13, lines ~~19-20~~, delete "in the practices of this invention,".

Page 15, line ~~13~~, delete "on" and insert --an-- therefor.

Page 15, line ~~17~~, delete "on" and insert --an-- therefor.

Page 16, line ~~9~~, delete "the practice of".

Page 16, lines ~~19-20~~, delete "according to the method of the present invention".

Page 16, line ~~19~~, insert --then-- before "detectable" and insert -- -- -- after "detectable".

Page 18, line ~~2~~, delete "Imidazole" and insert --imidazole-- therefor.

Page 18, line ~~3~~, delete "contained" and insert --continued-- therefor.

Page 18, line ~~12~~, delete "was" and insert --is-- therefor.

Page 18, line ~~13~~, delete "contained" and insert --contain-- therefor.

Page 19, lines ~~24-25~~, delete "in the practices of this invention" and insert --by-- therefor.

Page 19, line ~~34~~, after "avidin" insert a dash -- - --.

Enz-7 (C2)(P)(C2)

Jannis Stavrianopoulos et al.

Serial No.: Not Yet Known

Filed: Herewith

Page 4 (Request for Continuation Application Under 37 C.F.R. §1.60

-October 28, 1992)

Page 19, line 34, delete "avidinbiotin"
and insert --avidin-biotin-- therefor.

Page 19, line 36, delete "DNA probe would readily be detected by
contacting."

Page 20, line 8, after "or" insert --be-- therefor.

Page 20, line 17, delete "of the practices".

Page 21, line 2, delete "removeable" and insert --removable-- therefor.

Page 21, line 20, delete "B" and insert --b-- therefor.

Page 21, line 23, delete "of", second occurrence.

Page 22, line 27, insert a space after "isopropyl."

In The Claims:

Cancel claim 1.

Add new claims 27-47 as follows:

27. (New) A composition which comprises a transparent or translucent non-porous system further comprising a double-stranded oligonucleotide or polynucleotide which is directly or indirectly fixed or immobilized to a solid support wherein one of the strands comprises a chemical label that further comprises a signalling moiety which will generate a soluble signal. --

28. (New) The composition according to claim 27 wherein the solid support is contained within the transparent or translucent non-porous system. --

29. (New) The composition according to claim 27 wherein the solid support is porous or non-porous. --

Enz-7 (C2)(P)(C2)